AMENDMENTS

Please amend the application as follows:

In the Drawings:

The drawings are sought to be amended to comply with requirements made in the outstanding Office Action. In accordance with 37 C.F.R. §1.121(d), proposed changes to Figures 1-4 are indicated in permanent ink on separate pages accompanying this amendment.

In the Claims:

Please substitute the following clean copy text for the pending claims of the same number.

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1. (Once Amended) A system for optical projection of a complete image, using a lightvalve, said system comprising:

a lenticular array composed of lenticules positioned onto said lightvalve; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, said filter depending upon the shape of said lenticules in said lenticular array, wherein said filter and projection lens are arranged such that color components separately output by said filter for one of said pixels are combined and focused onto a location.

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5. (Once Amended) A system for optical projection of a complete image, using a lightvalve, said system comprising:

a lenticular array composed of lenticules positioned onto said lightvalve; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, said filter depending upon the shape of said lenticules in said lenticular array, wherein said filter is composed of a first, second and third segments, said first segment carrying signals of a first color component, said second segment carrying signals of a second color component, and said third segment carrying signals of a third color component, wherein said first and third segments are equal in area and where said second segment is larger in area than said first or third segments.

11. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, further wherein said system functions to separate chrominance and luminance components of said complete image into separate images.

20. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves; and

a filter placed about a relay lens, said filter aligned with the pixels of said lenticular array, further wherein said system functions to process chrominance and luminance components of said complete image into separate images.

Add the following new claims.

29. (New) An optical projection system, said system comprising:

a lenticular array having lenticules positioned to receive light from lightvalves; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, said filter having a first, second and third segments, the first segment carrying a first color component, said second segment carrying a second color component, and said third segment carrying a third color component, wherein said filter and projection lens are arranged such that each of said color components are combined and focused onto a location.

30. (New) A system according to claim 29 wherein said first segment is larger in area than said second and third segments.

31. (New) A system according to claim 29 wherein each of said segments filters a different color component of light received from said lenticular array.

32. (New) A system according to claim 29 wherein said filter depends upon the shape of said lenticules in said lenticular array.

33. (New) A system according to claim 29 wherein said system functions to separate chrominance and luminance components of an image into separate images.

34. (New) A system according to claim 11 wherein said filter depends upon the shape of said lenticules in said lenticular array.

35. (New) A system according to claim 34 wherein said lenticules are built onto said first lightvalve.

36. (New) A system according to claim 11 wherein said filter depends upon the shape of said lenticules in said lenticular array.

37. (New) A system according to claim 36 wherein said lenticules are built onto said first lightvalve.

38. (New) An optical projection method, comprising:

transmitting light from lightvalves through a lenticular array;

transmitting said light from said lenticular array through a filter, said filter aligned with the pixels of said lenticular array;

separately outputting, from said filter, different color components of one of said pixels; and

combining and focusing each of said color components for said one pixel onto a location.

39. (New) A method according to claim 38 further comprising separately modulating chrominance and luminance components of an image defined by said light.

40. (New) An optical projection method, comprising:

transmitting light from lightvalves through a lenticular array;

filtering said light transmitted from said lightvalves; and

separately modulating chrominance and luminance components of said light.

41. (New) A method according to claim 40 further comprising:

separately outputting, from a filter aligned with the pixels of said lenticular array, different color components of one of said pixels; and

combining and focusing each of said color components for said one pixel onto a location.